

New Budget Structure for Clean Coal Program

The Office of Fossil Energy's Clean Coal program has a new budget structure for FY 2012. The changes better reflect the increased focus within the Clean Coal program on carbon capture and storage technologies. The new budget structure will align the existing work of the Clean Coal program to four key areas: Carbon Capture, Carbon Storage, Advanced Clean Energy Systems, and Cross-cutting Research. A comparison of the old and new budget structures is shown below.

Old Structure
CLEAN COAL POWER INITIATIVE
FUELS AND POWER SYSTEMS
INNOVATIONS FOR EXISTING PLANTS (IEP)
CO ₂ Carbon Capture and Storage
Fine Particulate Control/Air Toxics
By-Products and Water Management
CARBON SEQUESTRATION
Greenhouse Gas Control
Focus Area for Carbon Sequestration Science
IGCC
Gasification Systems Technology
Systems Analysis/Product Integration
ADVANCED TURBINES
Hydrogen Turbines
FUELS
Hydrogen from Coal
Coal and Coal-Biomass to Liquids
FUEL CELLS
Innovative Systems Concepts/SECA
ADVANCED RESEARCH
Coal Utilization Science (CUS)
Sensors and Controls - Novel Innovations
Computational System Dynamics
High Performance Materials
Coal Technology Export
Bioprocessing of Coal
Environmental Activities
Technical & Econ. Analyses
International Prog. Support
Focus Area for Computational Energy Science
University Coal Research
HBCUs, Education & Training

New Structure Beginning in FY 2012 New Program (Old Program)
CCS DEMONSTRATIONS (<i>CCPI, FutureGen 2.0, Industrial CCS</i>)
CCS AND POWER SYSTEMS (<i>Fuels and Power Systems</i>)
CARBON CAPTURE
Post-Combustion Capture (<i>Innovations for Existing Plants</i>)
Pre-Combustion Capture (<i>Sequestration</i>)
CARBON STORAGE
Regional Carbon Sequestration Partnerships/Storage Projects (<i>Sequestration</i>)
Geologic Storage Technologies (<i>Sequestration</i>)
Monitoring, Verification, Accounting, and Assessment (<i>Sequestration</i>)
Carbon Use and Reuse (<i>Sequestration</i>)
Focus Area for Carbon Sequestration Science (<i>Sequestration</i>)
ADVANCED ENERGY SYSTEMS
Advanced Combustion Systems (<i>IEP and Advanced Research</i>)
Gasification Systems (<i>IGCC</i>)
Hydrogen Turbines (<i>Advanced Turbines</i>)
CROSS CUTTING RESEARCH
Fine Particulate Control / Air Toxics (<i>IEP</i>)
By Products / Water Management (<i>IEP</i>)
Sensors and Controls (<i>Advanced Research</i>)
Systems Analysis/Product Integration (<i>Advanced Research</i>)
Coal Utilization Science
Computational System Dynamics (<i>Advanced Research</i>)
Computational Energy Science (<i>Advanced Research</i>)
Energy Analyses
Bioprocessing of Coal (<i>Advanced Research</i>)
Environmental Activities (<i>Advanced Research</i>)
Technical & Econ. Analyses (<i>Advanced Research</i>)
International Activities
International Prog. Support (<i>Advanced Research</i>)
Coal Technology Export (<i>Advanced Research</i>)
University Training and Research
University Coal Research (<i>Advanced Research</i>)
HBCUs, Education & Training (<i>Advanced Research</i>)